PTO/SB/21 (09-04)

INTEL1490(P18518)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ter the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/814,981 Application Number Filing Date March 30, 2004 TRANSMITTAL First Named Inventor Tae-Woong Koo et al. **FORM** Art Unit 2877 **Examiner Name TBD** (to be used for all correspondence after initial filing)

Attorney Docket Number

Total Number of	of Pages in This Submission	33 Attorney Docket Number	INTEL1490(P18518)
		ENCLOSURES (Check all that apply)	
Fee Amendme	mittal Form Attached nt/Reply Final avits/declaration(s)	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify
Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks	Delow): 1. PTO Form 1449 (2 pgs.) 2. References (4) 3. Return Receipt Postcard
	SIGNATI	URE OF APPLICANT, ATTORNEY, OR	AGENT
Firm Name Signature Printed name	DLA PIPER RUDNICK G	2/1	·
Date	March 30, 2005	Reg. l	No. 45,647
I hereby certify the sufficient postage the date shown I	hat this correspondence is being e as first class mail in an envelo	RTIFICATE OF TRANSMISSION/MAILII ng facsimile transmitted to the USPTO or deposited ope addressed to: Commissioner for Patents, P.O.	with the United States Postal Service with
Signature	Mary E	Harden	
Typed or printed	name Karin E Harden		Date March 30, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT ATTORNEY DOCKET NO.: INTEL1490(P18518)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Tae-Woong Koo et al.

Art Unit: 2877

Serial No.:

10/814,981

Examiner: TBD

Filed:

March 30, 2004

Confirmation No.: 8675

Title:

METHOD TO DETECT MOLECULAR BINDING BY SURFACE-ENHANCED

RAMAN SPECTROSCOPY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the aboveidentified application. For the convenience of the Examiner, the references are listed on the attached Form PTO-1449 and a copy of the references are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 C.F.R. § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 30, 2005, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Karin E. Harden

March 30, 2005

(Signature)

(Date)

In re: Applicant of

Tae-Woong Koo et al.

Application No. 10/814,981

Filed: March 30, 2004

Page 2

PATENT ATTORNEY DOCKET NO.: INTEL1490(P18518)

No fee is deemed necessary in connection with the filing of this Information Disclosure

Statement, because it is being filed prior to the mailing of a first office action on the merits of the

above-identified application. However, if any fee is required, authorization is hereby given to

charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

Dated: March 30, 2005

Michael P. Reed, J.D., Ph.D. Registration No. 45,647

Telephone: (858) 638-6754 Facsimile: (858) 677-1465

USPTO CUSTOMER NO. 28213 DLA PIPER RUDNICK GRAY CARY US LLP 4365 Executive Drive, Suite 1100 San Diego, California 92121-2133

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Substitute for form 1449A/PTO

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Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known			
Application Number	10/814,981		
Filing Date	March 30, 2004		
First Named Inventor	Tae-Woong Koo et al.		
Art Unit	2877		
Examiner Name	TBD		
Attorney Docket Number	INTEL1490(P18518)		

			U. S. PATENT	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	us-5,401,511	03/28/1995	Margalit	
	AB	us-5,603,872	02/18/1997	Margalit	
	AC	us-6,514,767 B1	02/04/2003	Natan	
		US-			
7000		us-			
		us-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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aminer				Date		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known	
Application Number	10/814,981	
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First Named Inventor	Tae-Woong Koo et al.	
Art Unit	2877	
Examiner Name	TBD	
Attorney Docket Number	INTEL1490(P18518)	

		NON PATENT LITERATURE DOCUMENTS
Examiner nitials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA	Feldheim, "Assembly of Metal Nanparticle Arrays Using Molecular Bridges", The Electrochemical Society Interface, 2001, pp. 22-25
	AB	Mueller et al., "CARS microscopy with folded BoxCARS phasematching", Journal of Microscopy", Vol. 197, Pt. 2, 2000, pp. 150-158
	AC	Doering et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface- Enhanced Raman Scattering", Nat. Phys. Sci., 1973, Vol 241, pp. 22-24
	AD	Mulvaney et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", Langmuir, 2003, Vol. 19, pp. 4784-4790
i.		

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